

Grove High School

GRADUATION PLANNING GUIDE

Grove Public Schools
Be a Champion



2026-2027

Course Descriptions



Contact Us
918-786-3003

Visit Our Website
ridgerunners.net



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GRADUATION REQUIREMENTS 2027-2029

Subject Area	College Prep Plan
4 English	English I, English II, English III, English IV, <i>or any English approved for college admissions</i>
3 Math	Algebra I, Geometry, Algebra II, Pre Calculus or AP Pre Calculus, AP Calculus, AP Statistics <i>Three units of math must be earned in high school.</i>
3 Lab Science	1 Physical Science, 1 Biology, and 1 Lab Science <i>at or above the rigor of the Biology 1 or Physical Science competencies</i>
3 History	$\frac{1}{2}$ Oklahoma History, $\frac{1}{2}$ to 1 unit of U.S. Government, 1 U.S. History, <i>and other approved course</i>
2 Foreign Language or 2 Computer Technology	2 of the same Foreign Language 2 Computer Technology courses
1 Additional Core	Select from the courses above <i>or 1 course approved for college admissions</i>
GHS Requirement	Math or Lab Science during 12th grade year
1 Fine Arts or Speech	Art, Music, Band, Drama, Speech, Choir, or Ag Communications
Electives	Units required
Additional Requirements	CPR/AED Training Individual Career Plan (ICAP) Financial Literacy Course Pass U.S. Naturalization Test State Testing: ACT in addition to Science and U.S. History Assessment FAFSA or opt out

*NOTE: For students considering collegiate athletics, please see the NCAA Eligibility Requirements page of the planning guide.

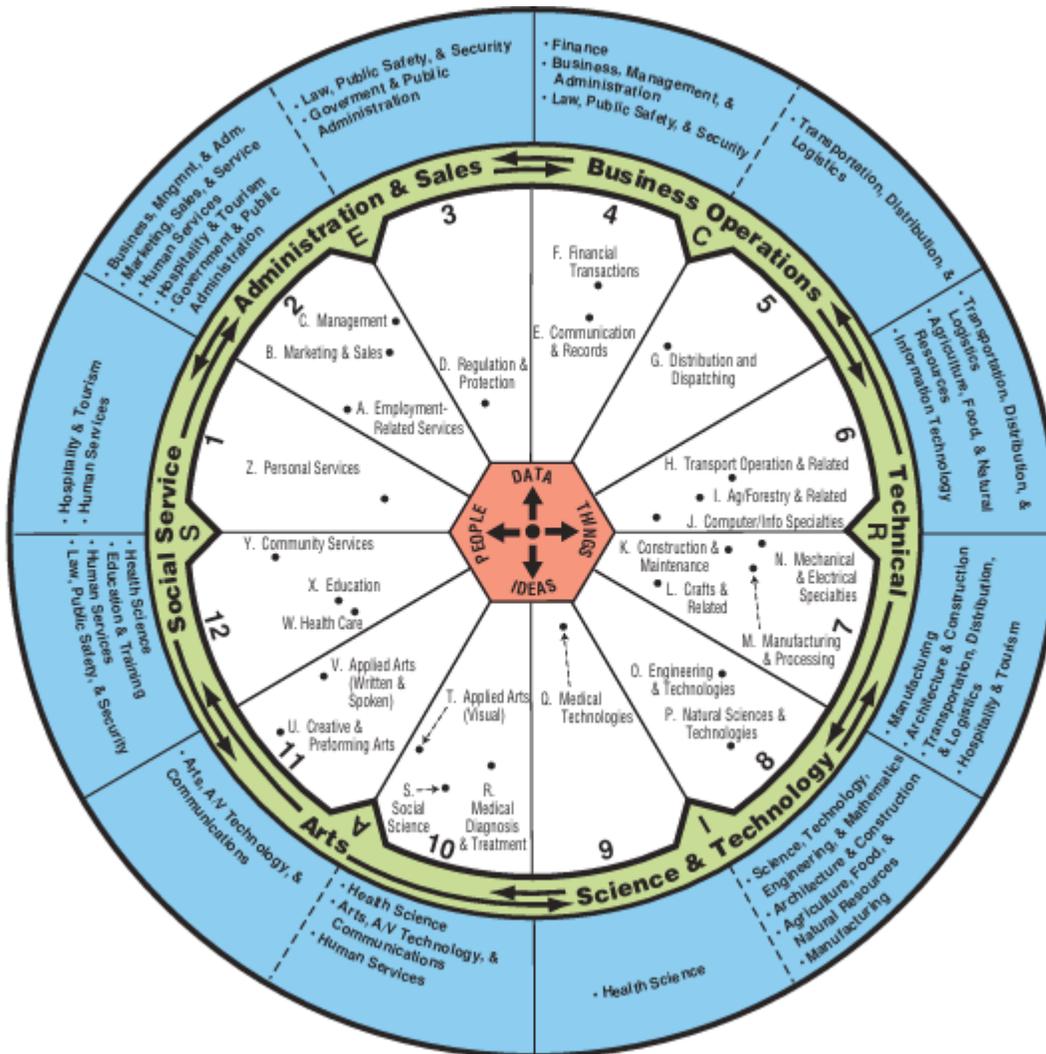
GRADUATION REQUIREMENTS 2030

Subject Area	College Prep Plan
4 English	English I, English II, English III, English IV, <i>or any English approved for college admissions</i>
4 Math	Algebra I, Geometry, Algebra II, Pre Calculus or AP Pre Calculus, AP Calculus, AP Statistics <i>Three units of math must be earned in high school.</i>
3 Lab Science	1 Physical Science, 1 Biology, and 1 Lab Science <i>at or above the rigor of the Biology 1 or Physical Science competencies</i>
3 History	$\frac{1}{2}$ Oklahoma History, $\frac{1}{2}$ to 1 unit of U.S. Government, 1 U.S. History, <i>and other approved course</i>
2 Foreign Language or 2 Computer Technology	2 Foreign Language 2 Computer Technology courses
1 Additional Core	Select from the courses above <i>or 1 course approved for college admissions</i>
GHS Requirement	Math or Lab Science during 12th grade year
1 Fine Arts or Speech	Art, Music, Band, Drama, Speech, Choir, or Ag Communications
Electives	Electives to add up to 24 Units required
Additional Requirements	CPR/AED Training Individual Career Plan (ICAP) Financial Literacy Course Pass U.S. Naturalization Test State Testing: ACT in addition to Science and U.S. History Assessment FAFSA or opt out

*NOTE: For students considering collegiate athletics, please see the NCAA Eligibility Requirements page of the planning guide.

All students at Grove High School have the opportunity to explore career options. Students take assessments that help identify their interests, strengths and talents and then introduce jobs and careers that match these interests. Students set goals and develop plans of study to help guide their future career choices. The tool used for Individual Career Academic Planning is [OK College Start](#).

World-of-Work Map



17 Career Clusters

Agriculture, Food, Natural Resources	Health Sciences
Architecture and Construction	Hospitality and Tourism
Arts, Audio/Video Technology and Communications	Human Services
Business Management and Administration	Information Technology
Education and Training	Law, Public Safety, Corrections and Security
Energy	Marketing, Sales, & Service
Finance	Manufacturing
Government and Public Administration	Science, Technology, Engineering, and Math
	Transportation, Distribution, and Logistics



The Advanced Placement Program at Grove High School includes college-level courses that provide students with an opportunity to earn weighted credit, college credit, or both while still in high school. These rigorous courses require a commitment to excellence. Students should expect challenging, advanced-level coursework which will require critical thinking skills, development of college-level study habits, and time-management skills. At the end of an AP course, students are eligible to take an exam for possible college credit. Students are required to register and pay for AP exams but may be eligible for a partial exam fee waiver. College Board recognizes students who have demonstrated outstanding college-level achievement through their performance on Advanced Placement exams. A roster of AP Scholar Award recipients is provided to secondary schools and districts each July. The AP Scholar Awards are academic distinctions for students to cite on college applications, scholarship applications, and academic resumes. To learn more, visit <https://apcentral.collegeboard.org/>.

AP Scholar	Granted to students who receive scores of 3 or higher on three or more AP Exams
AP Scholar with Honor	Granted to students who receive an average score of at least 3.25 on all AP Exams taken, and scores of 3 or higher on four or more of these exams
AP Scholar with Distinction	Granted to students who receive an average score of at least 3.5 on all AP Exams taken, and scores of 3 or higher on five or more of these exams

Valedictorian and Salutatorian

Please see the student handbook from your freshman year to find the rules on Valedictorian and Salutatorian. Each will receive a stole and a medal at graduation recognizing this academic achievement.

GHS Top 10% of Class

The top 10% GPA ranked students in the graduating class will receive a cord and a plaque at graduation recognizing this academic achievement.

Oklahoma Scholar

Oklahoma Academic Scholars receive a certificate of recognition from the State Board of Education and the local high school, a gold seal affixed to their diploma, and the honor recorded on their official transcript. To receive the designation as an Oklahoma Academic Scholar, a student must accumulate over Grades 9, 10, 11 and the first semester of Grade 12, a minimum grade point average of 3.7 on a 4.0 scale or be in the top 10% of their graduation class. A student must complete the curricular requirements for a standard diploma and achieve a 27 composite score on the ACT or 1220 combined reading and mathematics score on the SAT. The ACT or SAT must have been taken on a national test date or state administered test date. Each Oklahoma Scholar will receive a plaque at graduation.

GHS STEM Scholar

Students in the 11th grade with 7 or more academic credits in Science, Technology, Engineering, and Mathematics courses earning an A or B in each are recognized as Junior STEM Scholars. Students in the 12th grade earning an A or B in 9 or more academic credits of STEM are recognized as Senior STEM Scholars. Each of these students will receive a certificate of achievement.

Concurrent Course Enrollment

Qualified eleventh-grade or twelfth-grade students may have the opportunity to be enrolled concurrently in high school and college courses. Qualification to participate is based on student performance as evidenced by ACT or SAT scores, grade point average and class rank, PSAT Score or Pre-ACT Score. All concurrent students must have a signed statement from the high school principal or counselor stating that they are eligible to satisfy requirements for graduation from high school (including curricular requirements for college admission) no later than the spring of the senior year and must also provide written permission from a parent or legal guardian. A high school student may enroll in a combined number of high school and college courses per semester not to exceed a full-time college workload of 19 semester credit hours. For purposes of calculating workload, one-half high school unit is equivalent to three semester credit hours of college work. Also, concurrent students may not enroll in remedial (zero-level) course work offered by colleges and universities designed to remove high school deficiencies, including co-requisite support courses.

Most colleges offer some type of concurrent enrollment for high school students. NEO requires that concurrent students are enrolled in an accredited high school and achieve a minimum composite score of 19 on the National ACT/Pre-ACT or have a 3.0 high school GPA. Eligible high school seniors will receive a tuition waiver for a maximum of eighteen (18) credit hours of concurrent college enrollment. [Native American students](#) may qualify for additional fee waivers. The nine (9) hours of funding for juniors is dependent on the appropriation for the current year. High school students are required to pay for course fees, books, supplies, etc. However, funding may be available to pay fees. See your counselor for the latest information. Concurrent students will need a personal laptop that meets the lockdown browser requirements of the college. To learn more, visit [University of Oklahoma Concurrent Enrollment](#), [Oklahoma State University Concurrent Admission](#), or [NEO Dual Credit Enrollment](#).

Dual enrollment credit is earned by high school students attending classes with other college students on the college campus. It is also sometimes earned by taking special classes at their high school sanctioned by the college to qualify for credit. When students who have earned dual enrollment credit graduate high school, they also come with a transcript from the college with all of their earned credits. Concurrent enrollment policies should be designed to create as many higher education pathways as possible for students. Guidance was created as a collaboration by the Oklahoma State Department of Education and the Oklahoma Regents for Higher Education. [This chart includes commonly taken college courses and provides the high school unit equivalence.](#) The course codes and units earned for high school credit reflect careful consideration of Oklahoma Academic Standards (OAS) and alignment to Oklahoma graduation requirements.

Northeast Tech Center

Northeast Tech provides quality career and technical education to select counties in Northeast Oklahoma. The Afton Northeast Tech Center offers a unique set of course offerings to high school students. High school students may attend Northeast Tech Monday through Friday in either the morning session or the afternoon session. Grove High School students will tour Northeast Tech during the 1st semester of their sophomore year. Students must apply to Northeast Tech in order to attend during their junior or senior years. To learn more about the programs offered, visit [Northeast Tech](#).



Students planning to compete in college athletics at an NCAA collegiate school must meet NCAA Eligibility standards. It is the parent's and student's responsibility to track progress toward meeting the NCAA requirements. For complete NCAA information and registration, go to www.ncsasports.org.

Insider Tip: While there are slightly different eligibility requirements for NCAA D1 and D2, in 98 percent of the cases, if you are eligible at the D1 level, you will also be eligible at the D2 level. It is best to schedule your courses to meet the D1 requirements so you can be assured of being eligible at both division levels.

NCAA Division 1 Course Requirements
English (4 Years Required)
Math (3 Years Required)
Science (2 Years Required)
Extra Year in English, Math, or Science (1 Year Required)
Social Science (2 Years Required)
Other Academic Courses (4 Years Required)
16 Core Courses Required

For Grove High School courses approved for NCAA, please look for the NCAA logo .

Students planning to compete in college athletics at an NAIA collegiate school must register with PlayNAIA.org. While there are currently no course requirements for NAIA, you must meet college entrance requirements. PlayNAIA.org helps future student-athletes discover and connect with NAIA schools, coaches and athletic scholarships. PlayNAIA is also the official clearinghouse for NAIA eligibility. Every student-athlete must register with the NAIA Eligibility Center to play sports at an NAIA college or university.



Oklahoma's Promise allows students who meet certain income, academic and conduct requirements to earn a college or technology center tuition scholarship. Students must be enrolled in the eighth, ninth, 10th or 11th grade to be eligible to apply for Oklahoma's Promise (homeschool students must be age 13, 14, 15 or 16; see the following question). Applications are dated by academic year (i.e., 2024-25 school year). Students completing the seventh grade in May must wait until the next school year application is available in August to apply. Students completing the 11th grade **MUST** apply before the June 30 application deadline at the end of their junior year. Learn more at www.OKPromise.org.

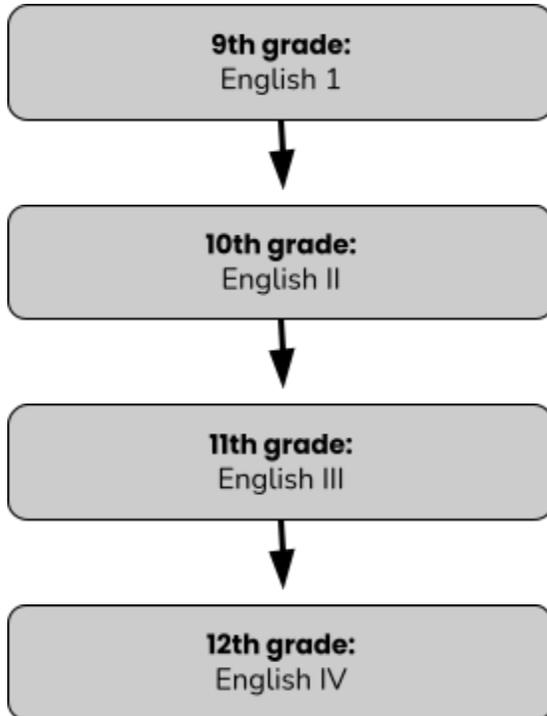
Oklahoma's Promise/College Admission Course Requirements	
4 Units	English (grammar, composition, literature; courses should include an integrated writing component)
3 Units	Lab science (biology, chemistry, physics or any lab science certified by the school district; general science with or without a lab may not be used to meet this requirement)
3 Units	Mathematics (algebra I, algebra II, geometry, trigonometry, math analysis, pre-calculus, statistics and probability [must have completed geometry and Algebra II], calculus, Advanced Placement [AP] statistics)
3 Units	History and citizenship skills (including one unit of American history and two additional units from the subjects of history, economics, geography, government, non-Western culture)
2 Units	Additional units of subjects previously listed or selected from: computer science, foreign language, any Advanced Placement course, psychology, sociology, or any concurrent liberal arts and science course at a State System institution
15	Total Units

Oklahoma's Promise/CORE Career Tech Admission Requirements

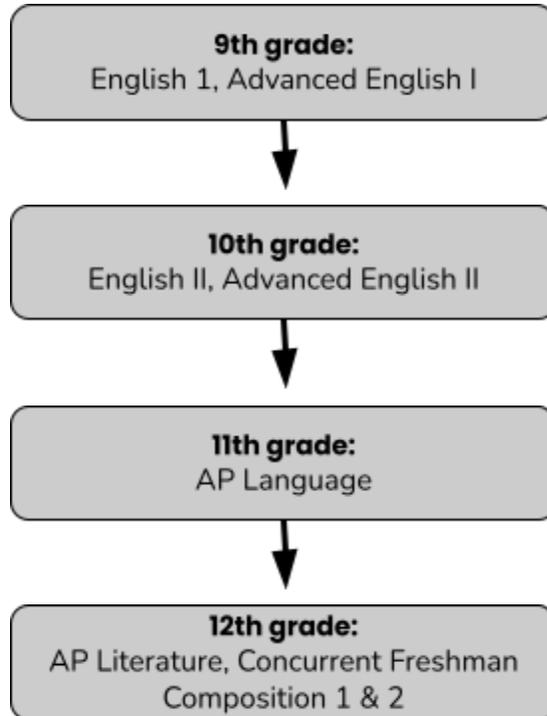
For students completing the CORE high school graduation requirements, the scholarship will cover at least a portion of tuition for certain programs that meet the requirements to be eligible for federal financial aid offered at an Oklahoma public technology center. *The scholarship is only available to be used at career technology centers and is not transferable to a college or university.*

ORDER OF ENGLISH CLASSES:

Core Pathway

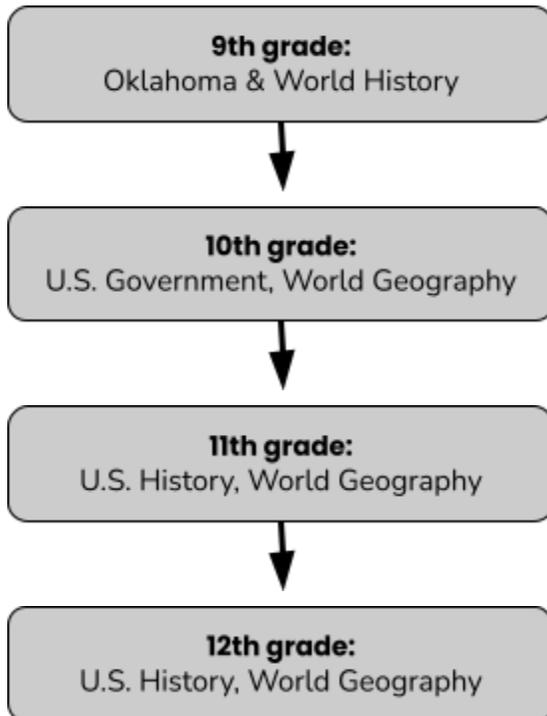


College Prep/Work Ready Pathway

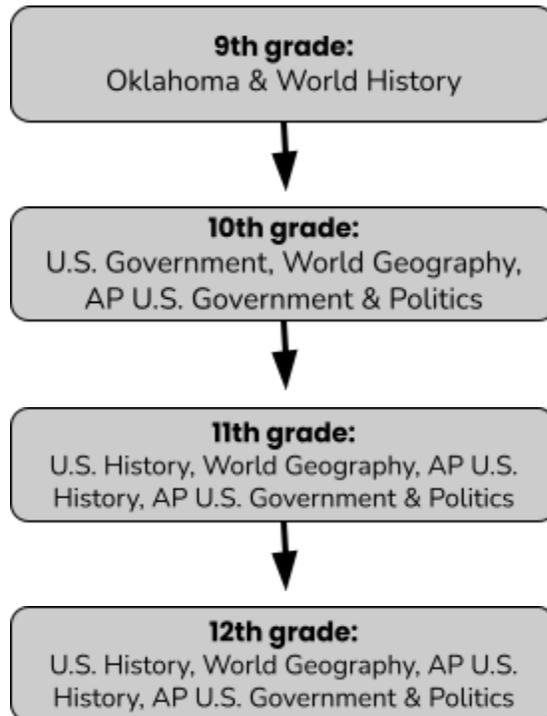


ORDER OF SOCIAL STUDIES CLASSES:

Core Pathway

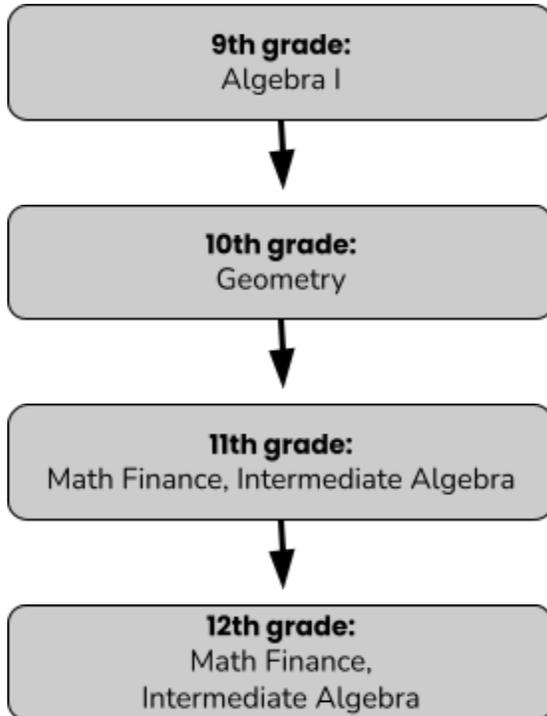


College Prep/Work Ready Pathway

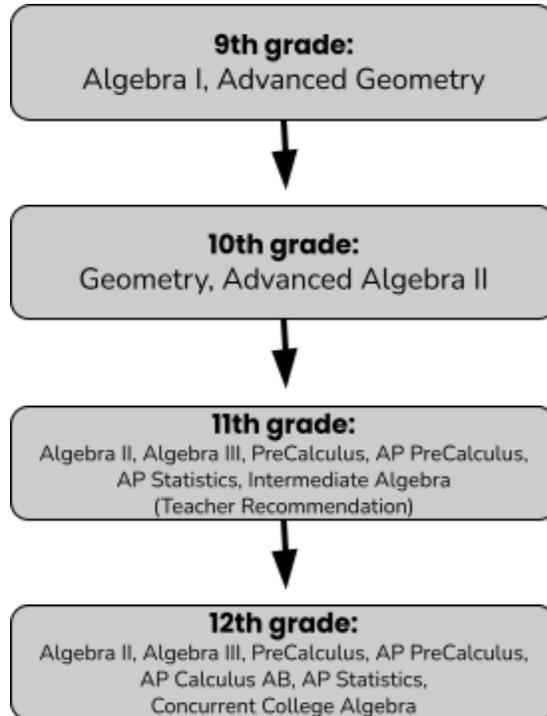


ORDER OF MATH CLASSES:

Core Pathway

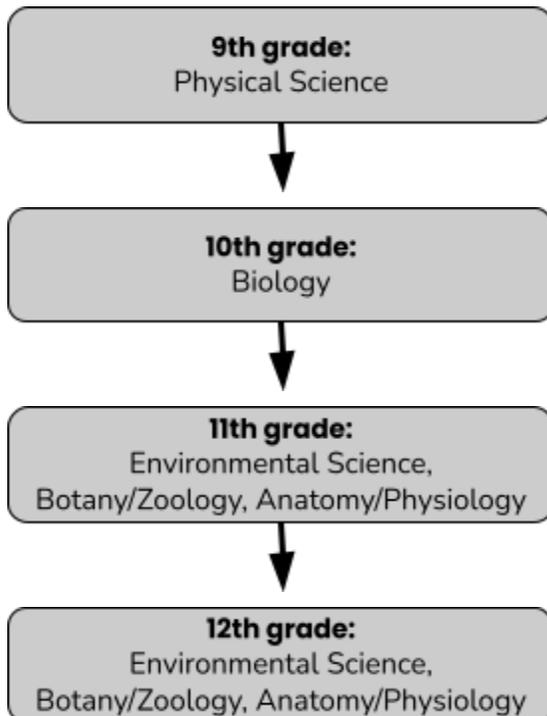


College Prep/Work Ready Pathway

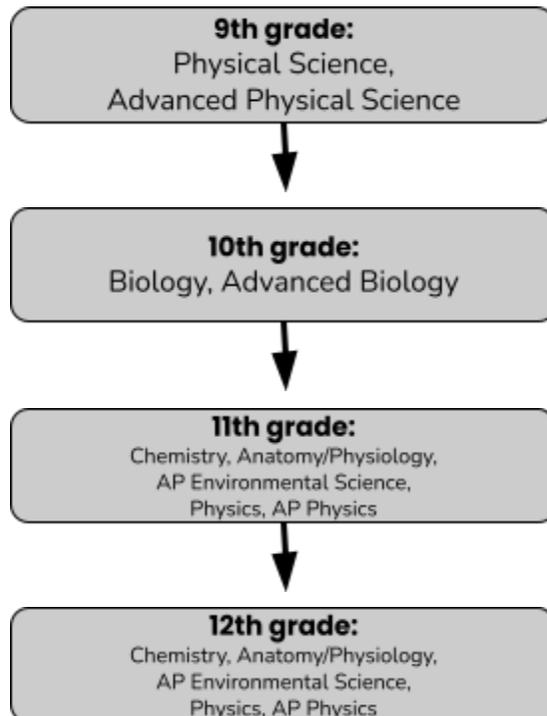


ORDER OF SCIENCE CLASSES:

Core Pathway



College Prep/Work Ready Pathway



Four-Year Graduation Planning Form

Freshman Year									Sophomore Year			
	1st Semester		2nd Semester		1st Semester		2nd Semester					
Subject Areas	Course	Credit	Course	Credit	Course	Credit	Course	Credit				
Language Arts												
Social Studies												
Mathematics												
Science												
Fine Arts												
World Language Or Computer Technology												
Elective												
Elective												
	Credits Earned		Credits Earned		Credits Earned		Credits Earned					
Total Credits Earned					Total Credits Earned							
Junior Year									Senior Year			
	1st Semester		2nd Semester		1st Semester		2nd Semester					
Subject Areas	Course	Credit	Course	Credit	Course	Credit	Course	Credit				
Language Arts												
Social Studies												
Mathematics												
Science												
Fine Arts												
World Language or Computer Technology												
Elective												
Elective												
Elective												
	Credits Earned		Credits Earned		Credits Earned		Credits Earned					
Total Credits Earned					Total Credits Earned							

Changing or Dropping a Course

GHS courses cannot be dropped more than one week after the semester begins, unless a parent, teacher, principal and counselor conference is held and all agree to the decision reached. If the day this decision is reached is more than 10% into the semester, the student will receive no credit for the classes changing into and out of per state law. A student who repeats a class taken previously shall have only the higher grade entered on his/her high school transcript. The lower grade will be entered as "no credit". Only the higher grade will be included when computing a student's grade point average. The proper procedure for a student to drop a course is to get special permission from his or her parents, principal, teacher, and counselor. Any student who drops a course without this permission will receive an "F" in that course and his/her parents will be notified why he/she has failed

ENGLISH LANGUAGE ARTS

4045 English I



Prerequisite: None

Semesters: 2 **Grades:** 9

This required course is for the English student. In-class and out-of-class work will cover: Basic grammar: parts of speech, sentence patterns and structure, recognition of phrases and clauses Basic usage: subject/verb agreement, pronoun/antecedent agreement Will have instruction and practice in a comprehensive range of reading, writing, and speaking skills.

4045H Advanced English I



Prerequisite: None (Prefer students who took 8th grade Honors English)

Semesters: 2 **Grades:** 9

This class is for the advanced English student. It is skills based focusing on grammar, close reading, composition, and critical thinking. This course does not follow the same syllabus as English I, but it does follow the Oklahoma Standards for language Arts. The course engages students in the close reading and critical analysis of imaginative literature to deepen their understanding of the ways writers use language to provide both meaning and pleasure. As they read, students consider a work's structure, style, and themes, as well as its use of figurative language, imagery, symbolism, and tone. The purpose of the course is to prepare the students to take the AP Language and Literature courses and exams their junior and senior years. If the AP tests are passed they will earn college credit.

4048 English II



Prerequisites: Completion of 4 high school units and English I recommended.

Semesters: 2 **Grades:** 10

This required course is for the English student. This course includes a variety of writing experiences and a multi-genre research paper. Students will critically analyze literature and formulate their own opinion in response to it. Students will develop writing skills, extend their vocabulary, and review grammatical usage through analysis of their own writing and that of others. Literary studies include selections of poetry and short stories, in-depth study of several novels, and nonfiction selections. Students will engage in discussions, presentations, and group projects to grow in their speaking and listening skills. Learning will be demonstrated through a combination of these tasks, projects, tests, and both informal and formal writing assignments.

4048H Advanced English II



Prerequisites: Completion of 4 high school units and English I recommended.
(Prefer students who took Advanced Freshman English)

Semesters: 2 **Grades:** 10

This class is for the advanced English student. It is skills based focusing on grammar, close reading, composition, and critical thinking. This course does not follow the same syllabus as English II, but it does follow the Oklahoma Standards for language Arts. Students should expect to write frequently and in a variety of modes, since the course intends to develop their own awareness of audience, purpose and composing strategies. This course prepares students to focus on essential reading and thinking skills involved in the study of rhetoric and composition. The purpose of the course is to prepare the students to take the AP Language and Literature courses and exams their junior and senior years. If the AP tests are passed they will earn college credit.

4051 English III



Prerequisites: Completion of 9 high school units and English I and II recommended.

Semesters: 2 **Grades:** 11

This required course focuses on writing and reading skills. The class reviews usage and mechanics to aid in the revision of descriptive, argumentative and expository writing. The literature includes a chronological survey of American literature which focuses on philosophical units such as romanticism, transcendentalism, realism and naturalism. Students will engage in class discussions, informal and formal presentations, and group projects to grow in their speaking and listening skills. Learning will be demonstrated through a combination of these tasks, projects, tests, and both informal and formal writing assignments.

4054 English IV



Prerequisites: Completion of 14 high school units and English I, II and III.

Semesters: 2 **Grades:** 12

This required course will have students review previously taught techniques in writing and they will be introduced to new writing techniques. All students will be required to write a research paper. The course is designed to teach students proper techniques of research reporting. Students are guided, step-by-step through each phase of gathering and writing the final report. One semester of English literature will be covered. Students will engage in group discussions and individual formal presentations, to grow in their speaking and listening skills. Learning will be demonstrated through a combination of these tasks, projects, tests, and both informal and formal writing assignments.

4057 AP English Language



Prerequisites: Completion of 14 high school units and English I and English II

Semesters: 2 **Grades:** 11

The purpose of AP Language is to prepare students to “write effectively and confidently in their college courses across the curriculum and in their professional and personal lives” (AP College Board Course Description). This rigorous course focuses on AP strategies and nonfiction writing, so students will become more proficient and comfortable both reading and producing complex pieces from a variety of fields and genres. Students should expect to write frequently and in a variety of modes, since the course intends to develop their own awareness of audience, purpose and composing strategies. Students will engage in socratic seminar discussions, formal and informal group presentations, and individual presentations to grow in their speaking and listening skills. This course prepares students to focus on essential reading, writing, and thinking skills involved in the study of rhetoric and composition. This course also gives students the opportunity to earn college credit by taking and passing the AP Language and Composition exam at the end of the year. Students must complete a summer reading requirement.

4010 AP English Literature



Prerequisites: English I, II, III or AP Language

Semesters: 2 **Grades:** 12

The AP English Literature and Composition course aligns to an introductory college-level literary analysis course. The course engages students in the close reading and critical analysis of imaginative literature to deepen their understanding of the ways writers use language to provide both meaning and pleasure. As they read, students consider a work's structure, style, and themes, as well as its use of figurative language, imagery, symbolism, and tone. Writing assignments include documented research papers with presentations; expository, analytical, and argumentative essays that require students to analyze and interpret literary works. This course is primarily for seniors who want the opportunity to earn college credit by taking the AP Literature and Composition Test at the end of their senior year. This course can be taken in lieu of English IV. Students must complete a summer reading requirement.

SOCIAL STUDIES

5615 Oklahoma History



Prerequisites: none

Semesters: 1 **Grades:** 9-12

The purpose of this required course is to assure every student knows their state and its significance. It begins with prehistoric Oklahoma and explores the events and circumstances throughout Oklahoma's history including exploration of the state, the Indian Removal Act, the Civil War, Cattle Trails, Land openings, Statehood, the Tulsa Race Riots and current political issues such as the petroleum industry, the Dust Bowl Era and the agricultural and new diversified economy of Oklahoma.

5731 Modern World History



Prerequisites: none

Semesters: 1 **Grades:** 9-12

Students utilize the settings of the world's regions and major historic eras to sharpen their grasp of the four strands of social studies: Civics, History, Geography, and Economics. The Modern World History standards span from the Renaissance to the growth of modern nations, to twentieth century world events. Analyzing the place and influence of the American republic throughout modern eras will help students better understand their role as citizens.

5530 World Geography



Prerequisites: Oklahoma History, World History

Semesters: 2 **Grades:** 10, 11, 12

This course serves as an introduction to the world around us - from the physical Earth to the people who inhabit it. This course is a study of people, places, and environment from a physical and cultural perspective. Through a variety of classroom activities, students will gain an appreciation and understanding of the interdependent world in which they live. Students will analyze and evaluate the connection between their local and global communities. This is a great course to take for students wishing to pursue AP Human Geography in the future. This course provides Elective Social Studies credit.

5541 United States Government



Prerequisites: Oklahoma History and Modern World History

Semesters: 2 **Grades:** 10, 11, 12

This course primarily focuses on an in-depth analysis of the Constitution of the United States, its founding documents, influences, and contemporary workings so that all students can become effective, well-informed citizens of the American constitutional republic. Students trace the roots of democratic concepts, the principles of representative government, and how citizens fulfill their civic responsibilities. The value of citizen participation in our democratic form of government is strongly emphasized in this course.

5410 United States History



Prerequisites: Oklahoma History; Modern World History; US Gov't

Semesters: 2 **Grades:** 11, 12

This course is a survey of the socioeconomic, political, cultural, and intellectual history of the United States from the Reconstruction era to the present. Some of the major themes to be investigated during the course include: culture, religion, economic trends, immigration, changing population patterns, impact of presidents on the course of the nation, and U.S. foreign policy.

5415 AP United States History



Prerequisites: Oklahoma History; Modern World History; US Gov't

Semesters: 2 **Grades:** 11, 12

This class will enable students to analyze the major socioeconomic, cultural, and political trends that occurred from 1491 to the present. Students will also learn to develop historical thinking skills such as crafting historical arguments, chronological reasoning, and interpretation of historical narratives. This class is in line with college and university U.S. history survey courses. Students will have the opportunity to take the College Board AP test.

5546 AP U.S. Government & Politics



Prerequisites: Oklahoma History

Semesters: 2 **Grades:** 10, 11, 12

AP U.S. Government and Politics provides a college-level introduction to key political concepts, ideas, institutions, policies, interactions, roles, and behaviors that characterize the constitutional system and political culture of the United States.

MATHEMATICS

4411 Algebra I



Prerequisites: Pre-Algebra

Semesters: 2 **Grades:** 9-12

Algebra I provides the foundation for all higher math courses and should be mastered by all students. Algebra requires knowledge of arithmetic and builds on that knowledge by using symbols in addition to numbers in mathematical operations. Some of the topics introduced in Algebra I include equations, inequalities, factoring rational expressions, radicals, laws of exponents, functions, graphing and properties of the real number system.

4520 Geometry



Prerequisites: Algebra I

Semesters: 2 **Grades:** 9-12

Geometric knowledge acquired in previous courses will be reviewed and extended to establish a foundation for later studies and to make the students conscious of geometry in everyday living. Early in the course, some emphasis is placed on the organization and writing of formal proofs. Topics studied include congruent and similar triangles, sets of points, parallel and perpendicular lines and planes, polygons, circles, inequalities, coordinate and spatial geometry, symbolism and constructions.

4520H Advanced Geometry



Prerequisites: Algebra I

Semesters: 2 **Grades:** 9

This course is recommended for advanced math students planning on attending college. This course covers the same Geometry standards required in the Oklahoma Academic Standards with more in-depth discussion, problem solving, and critical thinking. Students in this course earned a grade of B or higher in Algebra 1 as an 8th grader and/or the recommendation of their Algebra I teacher.

4412 Algebra II



Prerequisites: Algebra I; Geometry also recommended

Semesters: 2 **Grades:** 10, 11, 12

Algebra II is a college preparatory course. This course contains topics, critical thinking, and reasoning skills that are designed to better prepare the student for the rigor of a college math course. The course content reviews and extends the concepts of Algebra I. Topics include linear and quadratic functions and systems, polynomial equations, exponential functions, logarithms and rational functions.

4412H Advanced Algebra II



Prerequisites: Algebra I; Geometry also recommended

Semesters: 2 **Grades:** 10

This course is recommended for advanced math students planning on attending college. This course covers the same Algebra II standards required in the Oklahoma Academic Standards with more in-depth discussion, problem solving, and critical thinking. The rigor of this course will help prepare students for other advanced math courses, such as AP Pre-Calculus and AP Statistics.

4770 Math Finance

Prerequisites: Algebra I

Semesters: 2 **Grades:** 10, 11, 12

This course is recommended in lieu of Algebra II for students on the Core Curriculum graduation plan. This course covers fundamental arithmetic and algebra functions. Students apply learned techniques to common business problem solving. In addition, students will also learn several business mathematics techniques and their applications.

4418 Intermediate Algebra

Prerequisites: Algebra I and Geometry

Semesters: 2 **Grades:** 11, 12

Intermediate Algebra is designed to strengthen the students' algebraic skills by creating a bridge from Algebra I and Geometry to future mathematical endeavors in a progression that will increase students' readiness for college, careers, and life. Intermediate Algebra will focus on strengthening and expanding the elements from Algebra 1 and will serve as the foundation to branch into the study of Algebra 2. This course is based on teacher recommendations and student performance in Algebra 1 and Geometry. This only counts as a math credit if a student is taking the graduation requirements for the core curriculum.

4413 Algebra III



Prerequisites: Algebra I, II and Geometry

Semesters: 2 **Grades:** 11, 12

This course is a college-prep course. The course is designed for students seeking to improve their math subscore on the ACT. Students will leave this class prepared for the rigor of college algebra. This class will cover the following material: equations and inequalities, polynomial functions, rational functions, exponential and logarithmic functions, systems of equations and inequalities, matrices and determinants, ACT Prep.

4611 Pre-Calculus



Prerequisites: Algebra II

Semesters: 2 **Grades:** 11, 12

This course is a prerequisite for AP Calculus and prepares students for a study of Calculus at the collegiate level. The course is a study of trigonometry [trig functions, vectors, and polar coordinates], an in-depth study of algebra, and the applications of algebra. Matrices, sequences and series, and limits are also covered.

4614 AP Pre-Calculus



Prerequisites: Algebra II & instructor approval

Semesters: 2 **Grades:** 11, 12

During this college level class, students will fine tune their math skills by: algebraically manipulating functions, equations, and expressions, translating mathematical information between representations, and communicating with precise language, and providing rationales for conclusions. This course can be taken concurrently with AP Statistics.

4615 AP Calculus AB



Prerequisites: Pre-Calculus or AP Pre-Calculus

Semesters: 2 **Grades:** 12

This course covers college level calculus including a study of functions and their graphs, continuity, derivatives and integrals. The purpose of this course is to strengthen and enrich the mathematical background of the college-bound student. This course also gives students the opportunity to earn college credit by taking and passing the AP Calculus AB exam at the end of the year.

4760 AP Statistics



Prerequisites: Algebra II & instructor approval

Semesters: 2 **Grades:** 11, 12

The purpose of this college level course is to introduce students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. This course should be taken after receiving a B or higher in Algebra 2. This course can be taken concurrently with PreCalculus, AP Pre-Calculus, or AP Calculus. This course also gives students the opportunity to earn college credit by taking and passing the AP Statistics exam at the end of the year.

SCIENCE

5160 Physical Science



Prerequisites: None

Semesters: 2 **Grades:** 9-12

This course creates a foundation for chemistry and physics through hands-on interactive learning and problem solving. Students will conduct laboratory investigations and learn to communicate evidence-based claims as part of the scientific process. Disciplinary core ideas include matter and its interactions, motion and forces, energy, and waves.

5160H Advanced Physical Science



Prerequisites: None

Semesters: 2 **Grades:** 9

This course is designed for students who plan on attending college, particularly those entering STEM careers. This course creates a foundation for chemistry and physics through hands-on interactive learning and problem solving. Core ideas include matter and its interactions, motion and forces, energy, and waves. Additional math and lab skills are integrated to prepare students for chemistry and physics courses in the future.

5130 Biology



Prerequisites: Physical Science

Semesters: 2 **Grades:** 10, 11, 12

This course introduces students to biological sciences by covering topics such as biochemistry, ecology, cell structure, genetics, energy flow through systems, heredity and evolution. This course includes laboratory investigations utilizing the scientific method.

5130H Advanced Biology



Prerequisites: Physical Science

Semesters: 2 **Grades:** 10

This course is recommended for students who plan on attending college, particularly those entering STEM careers. This course involves an in-depth study of biochemistry, ecology, cell structure, genetics, energy flow through systems, heredity and evolution. This course includes more challenging laboratory experiences than regular Biology in order to prepare students for college and STEM careers.

5051 Chemistry



Prerequisites: Algebra 1 & Physical Science

Semesters: 2 **Grades:** 11, 12

This class is recommended for college-bound students, particularly those entering STEM careers. This course involves modeling, measurements, and calculations about matter. Topics of study include atomic structure, kinetic molecular theory, periodic properties, nomenclature and chemical bonding in compounds, chemical reactions, solutions, stoichiometry, nuclear reactions, gas laws, and pH. Students will conduct many laboratory investigations and communicate evidence-based claims.

5120 Environmental Science



Prerequisites: Biology

Semesters: 2 **Grades:** 11, 12

This course is dedicated to understanding the interactions between earth's natural systems and the demands placed on them by the human population. The scientific principles behind natural phenomena and resource cycles, how we utilize these systems and our impact, and potential solutions for the resulting consequences of resource mismanagement and exploitation will be explored through inquiry based laboratory exercises, environmental health assessment techniques, student presentations and projects.

5040/5240 Botany/Zoology



Prerequisites: Biology

Semesters: 2 **Grades:** 11, 12

This course surveys the major phyla of the plant and animal kingdoms. The course covers the diversity of plants and animals and emphasizes the distinguishing characteristics of each kingdom and groups within the kingdoms. The importance of plants and animals to various ecosystems will be included. Botany topics will include vascular and nonvascular plants. Zoology topics will include vertebrates and invertebrates.

5211 Physics



Prerequisites: Physical Science; Algebra 2 (or concurrently enrolled)

Semesters: 2 **Grades:** 11, 12

Physics is an advanced level science class. The physics curriculum includes forces and motion, gravitational, electrical and magnetic forces, energy conversions and waves. Students will be challenged to apply their knowledge of the laws of physics to solve physics related critical thinking problems.

5213 AP Physics 1



Prerequisites: Algebra 2 (or concurrently enrolled)

Semesters: 2 **Grades:** 11, 12

This course includes topics in classical physics, such as Newtonian mechanics, work, energy, power, momentum and collisions, and rotational motion. A knowledge of algebra and basic trigonometry is required for the course. This is a college level course and college credit may be earned by passing the AP exam at the end of the year.

5333 Anatomy and Physiology



Prerequisites: Biology

Semesters: 2 **Grades:** 11, 12

Anatomy and physiology is a course that will enable students to develop an understanding of the relationships between the structures and functions of the human body. Students will also learn the mechanisms for maintaining homeostasis within the human body. This course will involve laboratory activities, projects, dissections, textbook material, models, diagrams, and clinical studies.

5121 AP Environmental Science



Prerequisites: Biology required; Chemistry recommended

Semesters: 2 **Grades:** 11, 12

In this course students cultivate their understanding of the interrelationships of the natural world through inquiry-based lab investigations and field work as they explore concepts like the four Big Ideas; energy transfer, interactions between earth systems, interactions between different species and the environment, and sustainability. This is a college level course and college credit may be earned by passing the AP exam at the end of the year.

COMPUTERS & TECHNOLOGY

2552/8169 Fundamentals of Technology



Prerequisites: None

Semesters: 2 **Grades:** 9, 10

This course will teach students how to effectively use Google products and services. Google Docs, Sheets, Slides, and Drawings will be covered in-depth. The searching, organizational, communication and collaboration components of Google products will be highlighted to help students develop a deeper understanding of how Google can enhance learning.

8860 Introduction to Computer Science & Programming



Prerequisites: None

Semesters: 2 **Grades:** 9 - 12

This course will provide students with an introduction to programming using block and text-based programming. It is designed to provide foundational understandings of concepts in computer science that are necessary to function in an ever-changing tech world. This course will help students learn to accomplish tasks and solve problems independently and collaboratively.

8861 AP Cybersecurity



Prerequisites: None

Semesters: 2 **Grades:** 10, 11, 12

An introduction to the tools and concepts of cybersecurity. Exploration of specific attacks and detection measures across various domains (physical spaces and computer networks, devices and hardware, data and software applications.). Students will also learn digital citizenship and cyber hygiene, the basics of cryptography, software security, networking fundamentals, and basic system administration. Along with the potential to earn college credit, students with qualifying scores on the exam may earn the "AP Cybersecurity Credential."

8150 Multimedia Design



Prerequisites: Fundamentals of Technology

Semesters: 2 **Grades:** 10, 11, 12

This course will focus on fundamental skills in image creation and techniques to create, revise, optimize, and export graphics for video, print, and web publishing. Students will learn the Adobe Creative Suite (CS4 - Photoshop, Illustrator, etc.) Students will practice using the image editing and creation tools and topics covered include: Layers, adjustments, masking, cropping, saving, GIF Animations, gradients, shapes, brushes, making brushes, fonts and more.

8149 Desktop Publishing (Digital Yearbook/Senior Video)



Prerequisites: Fundamentals of Technology or Multimedia Design

Semesters: 2 **Grades:** 10, 11, 12

This select group of students are responsible for the creation and production of the best yearbook in the history of Grove High School. Everything is created digitally on computers. Photography and advertising sales assignments are also required. DVD yearbook production will be a primary focus of a few staff members. This class is fun, yet challenging and can be demanding due to time constraints.

8191 Digital Media Production: Broadcasting



Prerequisites: None

Semesters: 2 **Grades:** 10, 11, 12

Students will prepare for careers in digital communication as they learn to develop personal and professional videos applying appropriate certification and copyright standards. This course allows students the opportunity to prepare and complete a series of digital video productions. In addition, the class is also responsible for the live streaming broadcast of all major school events and weekly video based assignments. Students **MUST** be available outside of the school day to facilitate broadcasts and events as assigned by the instructor.

COMPUTER SCIENCE, AVIATION, & PRE-ENGINEERING

CareerTech STEM Program @ GHS

8709 Introduction to Engineering Design



Prerequisites: 8th grade math or Algebra I [B or better]

Semester: 2 **Grades:** 9 - 12

This class is a study of the engineering design process. Students will learn Computer Aided Design software (OnShape) to draw technical sketches. Students will complete design projects in which they will design, CAD, and build various models. Students who are considering studying engineering in college should seriously consider taking this class. → **THIS CLASS COUNTS AS A COMPUTER CREDIT**

8861 AP Cybersecurity



Prerequisites: None

Semesters: 2 **Grades:** 10, 11, 12

An introduction to the tools and concepts of cybersecurity. Exploration of specific attacks and detection measures across various domains (physical spaces and computer networks, devices and hardware, data and software applications.). Students will also learn digital citizenship and cyber hygiene, the basics of cryptography, software security, networking fundamentals, and basic system administration. Along with the potential to earn college credit, students with qualifying scores on the exam may earn the "AP Cybersecurity Credential."

8851 AP Computer Science Principles [AP CSP]



Prerequisites: Algebra 1

Semesters: 2 Grades: 9 - 12

This class focuses on an *introduction to computer programming and computer science*. Students learn the creative aspects of programming, abstractions, algorithms, large data sets, the Internet, cybersecurity concerns, and computing impacts. **COMPUTER CREDIT**

8853 AP Computer Science Applications [AP CSA]



Prerequisites: Algebra 2 OR AP CSP

Semesters: 2 Grades: 10, 11, 12

Students will learn the Java programming language to analyze a problem and identify & define the appropriate computing requirements to its solution. This class is equivalent to a college level Introduction to Computer Programming course. **COMPUTER CREDIT**

8705 STEM Capstone



Prerequisites: 2 STEM CareerTech courses & Instructor Approval

Semesters: 2 Grades: 11, 12

STEM Internships, project-based instruction [FIRST Robotics & TSA] and additional industry certifications will be used to reinforce skills obtained in the STEM CareerTech program at Grove HS. Students will master competencies as they prepare for industry certifications or college; select projects to finalize portfolios that highlight skills and/or certifications; undertake special projects, cross-train or participate in workplace learning.

8833 Robotics Engineering



Prerequisites: Instructor Approval

Semesters: 2 Grades: 9 - 12

Students will design, build, and program robotic devices. A rigorous study and application of electrical concepts will include: sources of energy, electrical safety, use and identification of basic electronic components, sensors and actuators, mechanical design, prototype development, design testing, programming and proper engineer documentation. In the Fall, students will participate on a FIRST Robotics team (FIRST Tech Challenge [FTC] **and must be able to attend several Saturday competitions and stay after-school for additional sessions as needed.** **COMPUTER CREDIT**

8875 Aviation I



Prerequisites: none

Semesters: 2 Grades: 9 - 12

This introduction to Aviation course provides the foundation for advanced exploration in flying, aerospace engineering, and unmanned aircraft systems. Students will learn about engineering practices, problem-solving, and the innovations and technological developments that have made today's aviation and aerospace industries possible. Students will look at the problem-solving practices and innovative leaps that transformed space exploration from the unimaginable to the common in a single generation. Students will also gain a historical perspective, from the earliest flying machines to various modern aircraft. **COMPUTER CREDIT**

8876 Aviation II

Prerequisites: Aviation I

Semesters: 2 **Grades:** 10, 11, 12

In the Introduction to Flight course, students will look closely at the aircraft they may one day operate. Students will begin with an exploration of the types of aircraft in use today before learning how aircraft are made and how they fly. Students will understand how aircraft are categorized, be able to identify their parts, and learn about aircraft construction techniques and materials. They will gain an in-depth understanding of the forces of flight—lift, weight, thrust, and drag—including how to make key calculations. They will then touch on aircraft design, looking at stability, aircraft controls, and maneuvering flight. **COMPUTER CREDIT**

8877 Aviation III

Prerequisites: Aviation II

Semesters: 2 **Grades:** 11, 12

This course is foundational for both manned and unmanned aviation. Topics include: pre-flight procedures, airspace, radio communications, aviation phraseology, regulations, airport operations, aviation safety, weather, cockpit management, and emergency procedures. Second semester will include small unmanned aircraft performance, ethics, human factors, aeronautical decision-making and judgment, safety protocols, weight and balance, maintenance, aviation weather sources and effects of weather (micro-meteorology) on small unmanned aircraft performance, small unmanned aircraft loading and performance, emergency procedures, crew resource management, and preflight inspection procedures. Students will be provided the opportunity to participate in multiple practice examinations. **Students will be prepared to complete the Federal Aviation Administration's Part 107 Remote Pilot Knowledge Test upon completion of this course.**

8883 Aviation IV

Prerequisites: Aviation III

Semesters: 2 **Grades:** 12

A senior-level capstone course focusing on advanced aviation topics, including instrument flight, commercial operations, multi-engine, and turbine aircraft systems. It emphasizes future-oriented aerospace technology, business planning, and a semester-long, student-driven research project, preparing them for careers in aviation and post-secondary opportunities.

FINE ARTS



2808 Art I

Prerequisites: None

Semesters: 2 **Grades:** 9 - 12

Art I is an introductory course for exposure to the basic concepts of two and three dimensional work. This course is the foundation for beginning art students and gives students an opportunity to develop skills in drawing, painting and 3D design and construction, while using a variety of media and techniques.



2809 Art II

Prerequisites: Art 1

Semesters: 2 **Grades:** 10, 11, 12

Art II is an advanced course. This course allows students to further develop skills in interpretation, drawing, painting, 3D design and construction, through the continued exploration and use of a variety of media and techniques.



2821 Native American Art

Prerequisites: None

Semesters: 2 **Grades:** 9 - 12

Students enrolled in this course will acquire appreciation for the artistic qualities and skills developed by our Native American cultures. Areas to be covered include basketry, beading, drawing, painting and clay.



2910 Media Production: History of Film

Prerequisites: None

Semesters: 2 **Grades:** 9 - 12

This two-semester course will introduce students to the history, concepts, and techniques of filmmaking, digital filming, and editing. As the course progresses, students will be given the opportunity to begin applying knowledge of lighting, capturing, producing, and editing to larger projects. The films presented will be culturally and/or historically significant.



4019, 4020, 4021, 4022 Drama I, II, III, IV

Prerequisites: Instructor Approval

Semesters: 2 **Grades:** 9 - 12

This performance course will include the history of theater and development, through workshop exercises, dramatic techniques in acting from improvisation to play production. Students will perform skits, songs, scenes and plays to enjoy the experience of acting. Actors hone in on their acting skills and develop their own characters. Students must participate in at least one high school play, either in an acting or stage crew capacity. Work is not considered an excuse to miss a rehearsal/performance, if the rehearsal/performance is planned in advance. Any unexcused absence from a rehearsal/performance may result in an immediate dismissal from the entire drama program.

4221NC Speech (Non-Competitive)

Prerequisites: None

Semesters: 1 or 2 **Grades:** 9 - 12

This class is a practical course designed to offer the novice speaker a number of opportunities to organize and prepare public speaking assignments. The course will also offer a “laboratory setting” where the beginning speaker will stand in front of a live audience and present his/her practiced performance. In addition to public speaking, further performance opportunities may be included in the area of humorous and dramatic duets, monologues, interpretations, etc. as well as observation of professional speakers and performances with the opportunity to study and critique. This class will not compete or perform in front of the student body.

4221, 4222, 4223, 4224 Competitive Speech I, II, III, IV

Prerequisites: Instructor Approval

Semesters: 1 or 2 **Grades:** 9 - 12

This class is designed for the responsible, self-motivated student who competes in speech and/or debate contests. Course number will depend on grade level (i.e.: Speech I - 9th grade, Speech II - 10th grade, etc.) Students will be instructed in tournament rules, theory and etiquette. Students will operate under contract to prepare for and compete in qualifying contests during the first semester and qualifying contests as well as Regional, State and NFL districts during the second semester. (Regional, State and NFL Districts only if qualified for them). Competition determines a grade, based on points earned. Students will also assist in preparation and operation of any speech contest hosted by the school during the term. Students will adhere to a dress code for appropriate contest apparel. Students must be academically eligible to compete. Good eligibility status is required for initial enrollment. Work is not considered an excuse to miss a tournament, if the tournament is planned in advance. Any unexcused absence from a performance may result in an immediate dismissal from the entire speech program.

3001, 3002, 3003, 3004 Band I, II, III, IV

Prerequisites: Mid School Band or previous experience with a musical instrument

Semesters: 2 **Grades:** 9 - 12

This class is designed for the responsible, self-motivated student who competes in speech and/or debate contests. Course number will depend on grade level (i.e.: Speech I - 9th grade, Grade level will determine course number (i.e. Band I - 9th grade, Band II - 10th grade, etc). This is the largest musical unit in the instrumental program. Membership is by permission of the Band Director. This band will perform at many sports events throughout the school year, as well as various contests, parades, etc. Performing two concerts per year is normal as well as participation at Senior graduation. Attendance at rehearsals and performances is necessary for the success of the band program. Regardless of the reason, excessive absences from rehearsals could result in the loss of a student's place in the performing group. Any unexcused absence from a performance may result in an immediate dismissal from the entire band program. Work is not considered an excuse to miss a performance, if the performance is planned in advance. The final rehearsal before a performance is considered the same as a performance.

3053 Junior High Jazz Band

Prerequisites: Director Approval

Semesters: 2 **Grades:** 9

Jazz Band members must be a member of the Middle School or High School Band, with the exception of piano, drum set and guitar. Members are selected by the director in order to satisfy the needs of the ensemble. High standards of musicianship are required for this "show" organization.

3031 Jazz Band

Prerequisites: Director Approval

Semesters: 2 **Grades:** 10, 11, 12

Jazz Band members must be a member of the senior high school band, with the possible exception of rhythm section positions, or vocalist. Members are selected by the director in order to satisfy the needs of the ensemble. High standards of musicianship are required for this “show” organization. Freshmen will be allowed in this group only when needed to fill an important vacancy.

3071, 3072, 3073, 3074 Mixed Chorus I, II, III, IV

Prerequisites: Choir Director Approval

Semesters: 2 **Grades:** 9 - 12

Students will study how to develop proper tone quality, breath support and tone placement, with an emphasis on excellence in performance of music from all styles and historical periods. Class is open to any high school girl or boy who would like to perform varying styles of music in the SA, SSA, SAB, or SATB format. Basic fundamentals of music, sight reading and appreciation shall be required. Students will be able to experience musical performance in choir, ensembles and solos. All rehearsals, concerts and contests are mandatory.

3081, 3082, 3083 Show Choir I, II, III

Prerequisites: Audition and Choir Director Approval

Semesters: 2 **Grades:** 9 - 12

Students will be auditioned and selected during the last two weeks of April from the entire school. Students must demonstrate exceptional vocal ability, as well as movement or dance skills. This audition is open to all high school boys/girls who would like to sing in a performance-oriented class with emphasis on entertainment. Sight reading comprehension skills are goals along with professional style performance. Performances range from traditional choral styles in contrast to modern and popular styles in the show choir idiom. Attendance at all rehearsals, concerts and contests are mandatory.

3053 Music Appreciation

Prerequisites: None

Semesters: 2 **Grades:** 9 - 12

This course introduces students to the history, theory, and genres of music. The course explores the history of music, from the surviving examples of rudimentary musical forms through to contemporary pieces from around the world. The first semester covers basic music theory and terms, classical music, and a basic overview of popular music. The second semester covers film music from tv shows and movies, Broadway musicals, modern traditions, including gospel, folk, soul, blues, Latin rhythms, rock and roll, and hip hop. The course explores the relationship between music and people. All students will be required to work in groups and work as individuals to learn about how much affects the world.

FOREIGN LANGUAGE



3161 Spanish I

Prerequisites: None

Semesters: 2 **Grades:** 9 - 12

In this class we will learn to use Spanish through conversation, storytelling, music and reading. Research shows that acquisition of a language is through Comprehensible Input. The goal of this class is to acquire the language, understand spoken and written Spanish and be able to communicate in the language at the appropriate level. During this course the students will learn about the culture and customs of some Spanish speaking countries.



3162 Spanish II

Prerequisites: Spanish I

Semesters: 2 **Grades:** 9 - 12

Students will continue acquiring Spanish through conversation, storytelling, music and reading. Research shows that acquisition of a language is through Comprehensible Input. The goal of this class is to build on the language from first year and place emphasis on the two past tenses. We will increase our ability to understand both written and spoken Spanish as well as our ability to produce written and spoken Spanish at the appropriate level. Culture and customs will be woven into the curriculum to advance the student's understanding of Spanish speaking countries.



3111 French 1

Prerequisites: Must have completed 2 years of Spanish

Semesters: 2 **Grades:** 11, 12

In this class we will learn to use French through conversation, storytelling, music and reading. This class is designed as an advanced class as all students will have already acquired a second language. Research shows that acquisition of a language is through Comprehensible Input. The goal of this class is to acquire the language, understand spoken and written French and be able to communicate in the language at the appropriate level. During this course the students will learn about the culture and customs of some French speaking countries.



3163 Spanish III

Prerequisites: Spanish 1 & 11 or 1st year Heritage Learner

Semesters: 2 **Grades:** 10, 11, 12

In this class we will learn to use Spanish through conversation, storytelling, music and reading. We will continue increasing our skills in the areas as year one and two, and we will focus on interpersonal communication and presentational communication. Our goal is to communicate at an intermediate low or intermediate mid level on the fluency scale. In this advanced course we will study literature by reading short stories, poetry or novels. We will explore grammar concepts and explanations for the language that we have acquired.

3164 Spanish IV

Prerequisites: Spanish I, II, III or 2nd year for Heritage Learner

Semesters: 2 **Grades:** 11, 12

In this class we will learn to use Spanish through conversation, storytelling, music and reading. We will continue increasing our skills in the areas as year one and two, and we will focus on interpersonal and presentational communication. Our goal is to communicate at an intermediate low or intermediate mid level on the fluency scale. In this advanced course we will study literature by reading short stories, poetry or novels. We will explore grammar concepts and explanations for the language that we have acquired.

AGRICULTURAL EDUCATION



8004 Agri-science I (Intro to Agriculture)

Prerequisites: None

Semesters: 2 **Grades:** 9 - 12

Curriculum provides information, knowledge and skills associated with career areas related to agriculture. This course provides laboratory, lecture and competitive activities through the FFA for students to enhance their classroom learning. This course includes information to the areas of agriculture leadership, animal science, plant science/agronomy, agribusiness/marketing, agriculture safety, parliamentary procedure, supervised agricultural experience program, record keeping, animal science (the livestock industry, beef breeds, and selection, swine breaks and selection, sheep breeds and selection, dairy breeds and selection, horse breeds and selection), and power and technology, orientation and safety, arc welding, metalwork, gas cutting.



8010 Agriculture Power & Technology

Prerequisites: Agri-science I

Semesters: 2 **Grades:** 10, 11, 12

Curriculum provides information about the selection, operation, maintenance, and use of agricultural power, electronics, electricity, agricultural machinery and equipment, structures and utilities, soil and water management and agricultural mechanics shop, including welding, cutting and metallurgy. This course includes information in the areas of introduction to agricultural mechanics, agricultural power and machinery, agricultural electrification, agricultural structures, light construction, and welding and gas cutting.



8012 Introduction to Animal Science

Prerequisites: Agri-science I

Semesters: 2 **Grades:** 10, 11, 12

This course is designed to give students learning opportunities related to animal health care and the important uses of animals. This course is also designed to integrate math skills and other sciences such as biology and genetics. After completing this course, students will have a better understanding on how to care for animals and the many products that animals provide.

8022 Intro to Ag Communications

Prerequisites: Agri-science I

Semesters: 2 **Grades:** 11, 12

The curriculum prepares students to use numerous methods of media to promote and educate our strong agricultural industry in Oklahoma and the United States. Students will have the opportunity to use hands-on experiences to prepare written materials for journalistic writing, business writing, and public presentations such as demonstrations and speeches. Students will develop their skills in photography and take these photos to competitive events in FFA. Students will develop public speeches and demonstrations to present in competitive events as well as public forums.

8027 Wildlife Science & Management

Prerequisites: Agri-science I

Semesters: 2 **Grades:** 10, 11, 12

This course falls under the Natural Resources and Environmental Science career pathway. The course will combine classroom lessons with hands-on learning in the following subject areas of fish and wildlife science: Ecology: How animals live, behave, and interact with their surroundings, Animal biology: The biology of animals, Environmental science: How human activities affect animals and their environments, Wildlife law: The laws and rules that protect wildlife and their environments, Wildlife survey: How to survey wildlife, Habitat restoration: How to restore damaged habitat, Wildlife tracking: How to use tools like GPS and drones to track animals. The course will incorporate Oklahoma hunter safety training and current Oklahoma hunting and fishing regulations.

FAMILY & CONSUMER SCIENCE EDUCATION



8415 FCS Basics

Prerequisites: None

Semesters: 2 **Grades:** 9 - 12

FCS Basics provides students with basic information and skills needed to function within the family and an ever changing, complex society. Students develop competencies in the areas of nutrition and wellness, food science, housing and interior design, early childhood, textiles, interpersonal relationships and career exploration. The student will gain basic life skills that promote a positive influence upon the quality of their life. Leadership opportunities are offered through the student organization, Family Careers and Community Leaders of America (FCCLA).



8471 Human Growth and Development

Prerequisites: FCS Basics

Semesters: 2 **Grades:** 10, 11, 12

Students examine human development across the lifespan. From newborn to older adulthood, people continue to develop and change physically, cognitively, socially, and emotionally. Family trends, cultural diversity, health, and safety are included. Student leadership through Family, Career and Community Leaders of America (FCCLA) is an integral part of this course.



8426 Basic Culinary

Prerequisites: FCS Basics

Semesters: 2 **Grades:** 10, 11, 12

This course is an introduction to the history of food service and kitchen fundamentals such as safety, sanitation, kitchen equipment and kitchen basics. Nutrition as it relates to food preparation is also covered. Students learn preparation and quantity food production skills in breakfast foods, sandwiches, salads, garnishes, fruits, vegetables, potatoes and grains. Students will learn proper terminology and use of equipment applicable to the preparation of these foods. The importance of teamwork in the food service environment is also emphasized.



8413 Fashion Design I

Prerequisites: FCS Basics

Semesters: 2 **Grades:** 9 - 12

An introductory course that provides students with the most current information about the basic concepts and business aspects of fashion marketing and merchandising. It introduces students to the field of fashion promotion and provides foundational fashion concepts related to economics, textiles, and design. Basic fashion concepts and marketing terminology, fashion cycles, key components of the fashion industry, retail merchandise categories, and fashion promotion. Lab experiences in clothing construction. Student leadership through Family, Career and Community Leaders of America (FCCLA) is an integral part of this course.

8478 Hospitality and Tourism Management

Prerequisites: FCS Basics, Basic Culinary

Semesters: 2 Grades: 10, 11, 12

This course incorporates management principles and procedures of the travel and tourism industry as well as destination geography, airlines, international travel, cruising, travel by rail, lodging, recreation, amusements, attractions, and resorts. Employment qualifications and opportunities, and principles for the balance of work and family are also included. Student leadership through Family, Career and Community Leaders of America (FCCLA) is an integral part of this course.

8470 Interpersonal Studies

Prerequisites: FCS Basics

Semesters: 2 Grades: 10, 11, 12

Course Description: This course examines how relationships between individuals and among family members significantly affect the quality of life. Students use knowledge and skills in family studies and human development to enhance personal development, foster quality relationships, promote wellness of family members, manage multiple adult roles, and pursue careers. Student leadership through Family, Career and Community Leaders of America (FCCLA) is an integral part of this course.

8426 Culinary Advanced Skills

Prerequisites: FCS Basics and Culinary Basics

Semesters: 2 Grades: 11, 12

This course introduces students to marketing concepts, menu planning principles, sustainability, and management of costs. Additional cooking fundamentals are gained in identification and preparation of meat, poultry, garnishing and dessert/plate presentation. Student leadership through Family, Career and Community Leaders of America (FCCLA) is an integral part of this course. This course is a laboratory-based course.

ADDITIONAL ELECTIVES

5510 Current Events

Prerequisites: None

Semesters: 2 **Grades:** 9 - 12

This course examines significant current events happening in our state, our nation, and around the world and also focuses on ACT test preparation. Students will practice media literacy skills by accessing news from a variety of media outlets. Students will learn to evaluate information they collect by identifying bias and assess the credibility of the news sources they use. Class time will be dedicated to facilitated discussions where students share perspectives, debate viewpoints, and consider multiple angles on current events. This is a highly engaging class where students work together and collaborate to ensure they are informed citizens. This course will also help prepare students for the ACT college entrance exam, focusing on developing test-taking strategies, familiarizing them with the test format, and practicing sample questions to maximize their potential score on the ACT exam.

2910 Leadership

Prerequisites: Teacher approval

Semesters: 2 **Grades:** 9 - 12

Through a series of lectures, guided interaction, and group exercises, students will explore the principles of relational leadership and learn to develop individual and group leadership skills to impact their lives and their communities. Content areas include decision-making, goal setting, effective communication, servant leadership, organization and time management skills, and concrete strategies to implement change in their community. Students will implement learned leadership skills by organizing Homecoming and COW week. This course meets the Fine Arts requirement for graduation.

3145 Native American Language

Prerequisites: None

Semesters: 2 **Grades:** 9 - 12

Students learn the traditional language of the Cherokee Nation; students will learn to speak and read simple sentences and paragraphs during their first year. Students will compete in the Cherokee Nation Challenge Bowl (history bowl), CN Language Bowl, CN student art, CN writing competitions, and attend cultural field trips.

3320 Physical Education (Fitness OR Strength and Conditioning)

Prerequisites: None

Semesters: 2 **Grades:** 9 - 12

The purpose of this course is to introduce students to ways of developing muscular strength, agility, flexibility and cardiovascular endurance. Students will be involved in weightlifting and running as well as learning proper nutrition and other aspects of healthful living.

4210 Reading for Pleasure

Prerequisites: None

Semesters: 2 **Grades:** 9 - 12

This course is designed to raise student's reading scores on the ACT. Students are required to read in class every day. Students must complete a minimum of 6 books per semester. For each book read, students are required to complete a form with questions about the book.

1451 Personal Financial Literacy and 3310 Health

Prerequisites: None

Semesters: 2 **Grades:** 10, 11, 12

This course teaches ideas, concepts, knowledge, and skills that will enable students to implement personal financial decision-making skills; to become wise, successful, and knowledgeable consumers, savers, investors, users of credit, money managers, and to be participating members of a global workforce and society. This course is designed to increase health and safety literacy, instill responsible health and safety behavior, and promote health and safety advocacy. The course will guide students in making healthy choices.

Academic Achievement

Prerequisites: None

Semesters: 2 **Grades:** 9 - 12

This class provides an opportunity for Grove High School students to complete an elective course, a core course (due to scheduling conflict) OR to complete recovery courses through the Edgenuity platform. All courses assigned are graduation requirements. You will be enrolled in this class by the counseling office, if necessary.

COURSES FOR JUNIORS & SENIORS ONLY

2410 Entrepreneurship

Prerequisites: None

Semesters: 2 **Grades:** 11, 12

Entrepreneurship class introduces high school students to the basics of starting a business, including developing entrepreneurial abilities, identifying a business opportunity, creating a business plan, economics, and the stages of business growth.

7051500 Concurrent College Enrollment

Prerequisites: Take ACT by August 1, Counselor approval

Semesters: 1 or 2 **Grades:** 11, 12

Concurrent enrollment provides enrichment and program acceleration opportunities for outstanding high school students who have demonstrated the ability to do satisfactory college level work while still enrolled in high school. Must have completed an ACT test by August 1 and have a minimum subscore of 19 to take a course in that area (Math, English, Reading or Science), or meet the alternative college entrance requirements. Juniors are eligible with a 21 ACT and a subscore of 21 in the area in which they wish to take a course in that area (Math, English, Reading or Science). Students must sign a contract regarding the taking of this course.

2791 Internship

Prerequisites: Counselor and Teacher Approval

Semesters: 1 or 2 **Grades:** 11, 12

An internship is an opportunity for a student to spend time with one or more employees at a business, non-profit organization or government agency. The objective is to provide an opportunity to observe and gain hands-on experience in how business and industry work. By being at the work site, students will get a firsthand perspective of the skills and tasks required on the job. The goal of the Internship class is to increase the student's knowledge of workplace skills and receive on-the-job experience. The internship experience is selected based on the student's chosen career cluster/pathway.

2775 GHS Internship

Prerequisites: Teacher/Counselor Approval

Semesters: 1 or 2 **Grades:** 12 ONLY

This course is designed not only to teach the basic skills of an office or teaching assistant, but also to give the student the opportunity to be responsible for actual work in an office/classroom situation. The student will receive the office/classroom skill assignments from their assigned teacher/administrator weekly. Students must be in good standing, not have excessive discipline or attendance issues to enroll in this course. Students who enroll to be an Office Aide/Teacher Assistant are not eligible to enroll in School To Work.

ATHLETICS

3331 9th Grade Boys Athletics

Prerequisites: Coach's approval AND physical examination by medical professional

Semesters: 1 or 2 **Grades:** 9

The Athletic Department has as its goal, the task of establishing and maintaining an outstanding program for the students it serves. The primary objective of competitive athletics is to provide wholesome opportunities for students to develop favorable habits and attitudes of individual and group living from their experiences.

3332 9th Grade Girls Athletics

Prerequisites: Coach's approval AND physical examination by medical professional

Semesters: 1 or 2 **Grades:** 9

The Athletic Department has as its goal, the task of establishing and maintaining an outstanding program for the students it serves. The primary objective of competitive athletics is to provide wholesome opportunities for students to develop favorable habits and attitudes of individual and group living from their experiences.

Boys & Girls Varsity Athletics

Prerequisites: Coach's approval AND physical examination by medical professional

Semesters: 1 or 2 **Grades:** 10, 11, 12
(9th grade with coach approval)

The Athletic Department has as its goal, the task of establishing and maintaining an outstanding program for the students it serves. The primary objective of competitive athletics is to provide wholesome opportunities for students to develop favorable habits and attitudes of individual and group living from their experiences.

Fall

3330 Football
3341 Basketball
3351 Softball
3334 Cross Country
3350 Fall Off-season

Spring

3335 Track
3338 Tennis
3340 Baseball
3336 Wrestling
3339 Soccer
3337 Golf
3333 Spring Off-season